THE UNITED STATES PATENT AND TRADEMARK OFFICE

August 2, 2004

ication of

Robert Manuel Carmichael

Serial No.

09/730,116

AUG 1 1 2004

Filed

December 5, 2000

UP 3600

For

ACTIVE CONTROL RELEASABLE BALLAST SYSTEM FOR USE WITH DIVE EQUIPMENT

Examiner

Ayay Vasudeva

Art Unit

3617

Our File No.

9297.6817

CERTIFICATE OF MAILING

I hereby certify that this correspondence, and any attachments thereto, is being deposited with the United States Postal Service, as First Class mail, with sufficient postage, in an envelope addressed to: Mail Stop AF, Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Paper

AMENDMENT

Mail Stop AF

P.O. Box 1450 Commissioner for Patents Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the Office Action dated April 1, 2004, please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper. Remarks/Arguments begin on page 7 of this paper.